Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 17 Aug 2021 until 23:59 on Wednesday 18 Aug 2021

Forecast Issued on Monday 16 Aug 2021 at 15:06

Confidence: High confidence of cool, damp conditions overnight into Tuesday, giving way to drier more benign conditions Wednesday and Thursday. Low confidence of timing of significant rain during the weekend.

Headline for Tuesday 17 Aug 2021: Breezy and mostly cloudy, with outbreaks of rain and drizzle, but becoming drier and brighter through the afternoon.

Mountain weather hazards on Tuesday 17 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Heavy Rain	Light rain	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
30%	70%	70%	60%	40%	30%	20%	20%

Forecast for Tuesday 17 Aug 2021

Weather: Cloud increasing shortly after midnight, bringing outbreaks of rain and drizzle. These are likely to be rather heavy during the early morning but should become lighter and more intermittent by the afternoon. Some brighter spells developing later in the day, particularly in the east, as it becomes predominantly dry. Largely dry with clear spells during the evening. Feeling rather cool with brisk westerly winds and cloud cover.

Chance of cloud free mountain/hill tops above 600m: Around 70% initially, but soon lowering to 20-30%. Later in the day chance increases to 60-70% in the east.

Visibility: Initially good, but occasional rain and extensive cloud soon spreading in with bases 400-600m, making visibility generally poor, or very poor at height. Cloud lifting and beginning to break up later in the day, particularly in the east, allowing for good visibility.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 17 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 W	19/27 W	19/26 W	20/28 W	16/24 W	13/20 W	10/16 W	9/14 W	9/14 W
300	10/22 W	12/25 W	10/23 W	13/25 W	12/24 W	11/21 NW	9/17 W	7/14 W	7/13 W
Valley	8/17 W	10/22 W	10/24 W	11/23 W	13/25 W	12/23 W	10/19 W	7/15 NW	6/13 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/7	11/7	11/8	13/10	13/11	12/10	11/10	10/8
300	12/10	12/10	12/10	13/11	15/13	15/14	15/13	13/12	12/11
Valley	13/12	13/12	14/12	14/13	16/14	16/14	16/14	14/13	13/13
Freezing Level*	3200m	3400m	3200m	3100m	3000m	2900m	2900m	2900m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Brisk westerly winds with gusts of 30-40mph possible in exposure.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 15 Aug 2021	3.6mm	3.6mm	3.6mm

Forecast for Wednesday 18 Aug 2021

Weather: Largely dry with bright or sunny spells across much of the park, but cloudier in the west with occasional hill fog and the odd spot of light rain and drizzle.

Maximum wind: West/northwesterly 20-25mph gusting 35-40mph.

Chance of cloud free mountain/hill tops above 600m: Generally 70-80%, but 30-40% in the west.

Visibility: Generally good but occasional low cloud, with bases 500-700m, in the west will make the visibility occasionally poor.

Temperature: **Valleys:** 10 C rising to 20 C in the early afternoon.
At 600m: 10 C rising to 14 C in the early afternoon.
Freezing level: Well above summits.

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